

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 15548US01)

RECEIVED
CENTRAL FAX CENTER

SEP 27 2004

In the Application of:

S. Nemazie et al.

Serial No.: 09/892,649

Filed: June 28, 2001

For: MIXED-SIGNAL SINGLE-CHIP
INTEGRATED SYSTEM
ELECTRONICS FOR DATA
STORAGE DEVICES

Examiner: R.N. Phan

Group Art Unit: 2111

Conf. No.: 2024

Customer No.: 23,446

EXPRESS MAIL

Label No.: EL 848969419 US

Date: April 23, 2004

By: 

John A. Wiberg
Reg. No. 44,401

AMENDMENT AND
RESPONSE TO RESTRICTION REQUIREMENT

MS: Non-fee Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

This paper responds to the Office Action mailed March 23, 2004.

In response to the restriction requirement, Applicants hereby elect group I, claims 1-45.

Claims 46 and 47 are cancelled herewith as shown in the amended claims that follow.

Amendments to the claims are reflected in the listing of claims which begin on page 2.

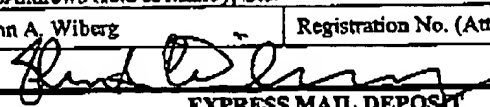
Remarks begin on page 13.

PTO/SB/21 (08-00)

Approved for use through 10/31/2002

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number		09/892,649	
		Filing Date		June 28, 2001	
		First Named Inventor		Nemazie	
		Group Art Unit		2111	
		Examiner Name		R.N. Phan	
Total Number of Pages in This Submission		14	Attorney Docket Number		15548US01
ENCLOSURES (check all that apply)					
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment and Response to Restriction Requirement under 35 USC 1.21 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO 1449/08A with references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) (sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____		<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return-receipt post card	
Remarks					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm or Individual Name	McAndrews Held & Malloy, Ltd.				
Name (Print/type)	John A. Wiberg	Registration No. (Attorney/Agent)	44,401		
Signature			Date: April 23, 2004		
EXPRESS MAIL DEPOSIT					
"Express Mail" mailing label number : EL 848969419 US Date of Deposit April 23, 2004.					



MCANDREWS, HELD & MALLOY
34TH FLOOR
500 WEST MADISON STREET
CHICAGO, ILLINOIS 60661

RECEIVED
CENTRAL FAX CENTER

SEP 27 2004

TELEPHONE: (312) 775-8000

FACSIMILE: (312) 775-8100

FAX COVER LETTER

CONFIDENTIAL

THE ENCLOSED MATERIAL IS INTENDED FOR THE RECIPIENT NAMED BELOW AND, UNLESS OTHERWISE EXPRESSLY INDICATED, IS CONFIDENTIAL AND PRIVILEGED INFORMATION. ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THE ENCLOSED MATERIALS IS PROHIBITED. IF YOU RECEIVE THIS TRANSMISSION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE, AT OUR EXPENSE, AND DESTROY THE ENCLOSED MATERIALS. YOUR COOPERATION IS APPRECIATED.

TO: Raymond Phan
Examiner, Group Art Unit 2111
United States Patent and Trademark Office

FROM: Ronald H. Spuhler USER ID:8210

DATE: September 27, 2004

FAX NO.: 703/872-9306

CLIENT: 1772

MATTER: 15548US01

Number of Pages This Transmission (Including Cover Page): 17

Message:

As a follow up to my voicemail, enclosed is Broadcom's Amendment and Response to the Restriction Requirement which Broadcom filed on April 23, 2004. Please call me if you need any additional information.

If you have problems receiving this facsimile transmission, please contact the sender at the above telephone number.